

Product Features

- Web-based interface
- Traffic management
- Heat map
- Conversion rates
- Stand and dwell data
- Facial detection
- Automated customized reports
- Store data aggregation
- Data mining and analytics
- POS integration
- External data integration
- Event management
- Event-based video search
- Analog and IP camera support
- Video viewing and management
- Video bandwidth optimization
- Video quality management
- Interactive map and schematic view mirroring store layout
- External DVR/HVR integration



Product Description

The ionitRetail Suite is Ionit's new Hybrid Video Recording system; combining Ionit's industry leading compression technology with state of the art business intelligence, video analytics and monitoring sensors. This means you can get two exceptional products, one for loss prevention and one for retail analysis, rolled into a single solution.

The ionitRetail Suite includes the most comprehensive video analytic features available on the market. With high resolution and exceptional accuracy, the ionitRetail HVR is able to provide people counting, queue times, dwell times, traffic counts and facial detection for measuring in-store shopper engagement. These features can be integrated with a company's POS and employee time card systems to yield conversion rates per shopper, aisle and SKU. It can also compare traffic counts and conversion rates against staffing levels to allow better management of every company's most expensive asset; its people.

While other security-driven HVRs can offer some basic business intelligence, and while many independent analytic programs exist, Ionit's advantage is its ability to compress the video file size. Since all of the video compression in Ionit's two-in one box is performed on a DSP chip, 95% of the CPU of the computer unit is free for running additional applications. This means that greater integration can take place in the same box saving both dollars and physical space.

The ionitRetail solution permits the simultaneous use of both the less expensive analog cameras and the positioning flexibility of IP cameras.

Quality, affordability, adaptability and scalability: the ionitRetail HVR makes this video-centric business intelligence solution available to every client.

All pricing and specifications are subject to change without notice.

Contact Ionit Technologies at 888.694.6648



Hardware:

4U 19" Rack (rails optional)
3 Year Advance Parts Warranty
Designated 250GB OS Drive
1TB HDD included for video storage (max.12TB)
Video stored on swappable hard drives
RAID optional
CD/DVD-RW
Dual 1GB LAN
Video Inputs: BNC NTSC/PAL: 4, 8, 12, 16
IP Camera Licenses (included): 8
Alarm Inputs/Outputs: 32 (optional)
Audio Recording: up to 16; 1:1 video to audio
PTZ RS 232-485 signal (optional)

Software:

ionitRetail Suite
Windows XP®

Networking Specs:

Resolution: 640 x 480 & D1
Average Data rate per image: 1-3 kbps at 640 x 480
Average image size: 20bps-3kbps
Minimum connection speed: 56kbps

Mechanical:

Video Out:	4 x VGA
6-Pin:	MiniDin PS/2 Mouse/Keyboard
9-Pin:	COM1
25-Pin:	Printer Port
RJ-45:	Network (TCP/IP, LAN/WAN)
USB Ports:	12 Total
Operating Temp:	32°F to 122°F (0°C to 50°C)
Storage Temp:	-4°F to 152°F (-20°C to 70°C)
Dimensions	19"W x 17.5"L x 7"H
Unit Weight:	60 lbs

Product Codes:

irtbi-4
irtbi-8
irtbi-12
irtbi-16

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